

From: [Possiel, Norm](#)
To: [Palma, Elizabeth](#)
Subject: FOIA
Date: Wednesday, October 10, 2018 9:46:20 AM

From: Gregory Stella [mailto:gms@alpinegeophysics.com]
Sent: Monday, April 03, 2017 3:42 PM
To: Possiel, Norm <Possiel.Norm@epa.gov>
Subject: Re: Data Request: Electronic Copies of AQ Data from 2015 Ozone NAAQS NODA

Tags like:

tag1=biogenics, tag2=anthropogenic emissions in Alabama, tag3=anthropogenic emissions in Arizona....tag51=tribal point, tag52=Canada and Mexico, tag53=offshore, tag54=fires, tag55=IC/BC

Thanks

On 4/3/2017 3:40 PM, Possiel, Norm wrote:

Greg,

Are you looking for something like tag1=biogenics, tag2=anthropogenic emissions in Alabama, tag3=anthropogenic emissions in Arizona....tag51=tribal point, tag52=Canada and Mexico, tag53=offshore, tag54=fires, tag55=IC/BC? Or, are you looking for something different, like a crosswalk based on state/SCCs?

Norm

From: Gregory Stella [mailto:gms@alpinegeophysics.com]
Sent: Monday, April 03, 2017 2:32 PM
To: Possiel, Norm <Possiel.Norm@epa.gov>
Cc: Dennis McNally <dem@alpinegeophysics.com>; Baker, Thomas <Baker.Thomas@epa.gov>; Eyth, Alison <Eyth.Alison@epa.gov>; Gregory Stella <gms@alpinegeophysics.com>
Subject: Re: Data Request: Electronic Copies of AQ Data from 2015 Ozone NAAQS NODA

Norm,

Do you have available the APCA mapping file between the source group number and the state/sector from your 2023 NAAQS NODA output and would you be able to share it with us?

Thank you,

Greg

On 3/31/2017 1:12 PM, Gregory Stella wrote:

Hi Norm,

For the 2023 modeling platform, we are generating corroborating runs to confirm our configuration and have found that we are missing the following CMAQ ready emissions input files:

low level "othar" (emis_mole_othar_2011XXXX_12us2_cmaq_cb6v2_v6_11g)
low level "othon" (emis_mole_othon_2011XXXX_12us2_cmaq_cb6v2_v6_11g)

These files encompass the Canada and Mexico area sources, Canada and Mexico on-road sources, and other offshore. Cyndi has tried to reproduce these files using the 2023el V6 emissions inventory, but has not been successful in getting an adequate match.

In addition, the area level oil & gas files (np_oilgas) appear to be different from what was used in your final emissions merge. When plotting differences between our merged files and the EPA files, we are seeing a small but noticeable difference that we believe is clearly an oil & gas signature. Since we have done no processing of the np_oilgas CMAQ files, other than converting to CAMx, we suspect that there may be a small difference in versions used. See the attached low level VOC and NOx daily diff plots as examples. Note: we used the 2017ek Canada and Mexico emissions for these plots.

Can you please confirm for us the file version used for this sector and whether the ancillary files distributed with the platform were those used in processing these data?

Thanks in advance,

Greg

On 2/14/2017 3:28 PM, Possiel, Norm wrote:

Dennis/Greg,

Your original request included "MPE output and summaries". The attached file contains model performance stats for individual monitoring sites based on paired obs/predicted MDA8 ozone data for the period May through September. (This file is also available from the NODA docket.)

Model performance summaries can be found in the NODA AQ modeling TSD (Appendix A). This TSD is available at:

<https://www.epa.gov/airmarkets/notice-data-availability-preliminary-interstate-ozone-transport-modeling-data-2015-ozone>

Norm

From: Dennis McNally [<mailto:dem@alpinegeophysics.com>]

Sent: Tuesday, February 14, 2017 3:17 PM

To: Possiel, Norm <Possiel.Norm@epa.gov>

Cc: Gregory Stella <gms@alpinegeophysics.com>; Baker, Thomas <Baker.Thomas@epa.gov>; Eyth, Alison <Eyth.Alison@epa.gov>

Subject: Re: Data Request: Electronic Copies of AQ Data from 2015 Ozone NAAQS NODA

Never the request for the run scripts. I just found them.

Dennis

On Tue, Feb 14, 2017 at 1:15 PM, Dennis McNally

<dem@alpinegeophysics.com> wrote:

Norm and All:

Thanks so much for all your efforts. The disk have mounted fine and we are reading the disks onto our system.

Searching through the directories I don't see the CAMx run scripts. In the past you have made these available via ftp.

These run scripts provide a great roadmap of the distribution and will really help us know if any other items are missing.

Thanks,
Dennis

On Fri, Feb 10, 2017 at 7:14 PM, Possiel, Norm
<Possiel.Norm@epa.gov> wrote:

Greg,

Please check through the drives and let us know if you find that we did not include any of files you requested.

Norm

From: Gregory Stella [mailto:gms@alpinegeophysics.com]
Sent: Friday, February 10, 2017 3:14 PM
To: Baker, Thomas <Baker.Thomas@epa.gov>; Dennis McNally <dem@alpinegeophysics.com>
Cc: Eyth, Alison <Eyth.Alison@epa.gov>; Possiel, Norm <Possiel.Norm@epa.gov>
Subject: Re: Data Request: Electronic Copies of AQ Data from 2015 Ozone NAAQS NODA

Thank you.

On 2/10/2017 3:12 PM, Baker, Thomas wrote:

The drives are on their way to FedEx, Standard Overnight.
Tracking number 8046 1412 0954.

From: Possiel, Norm
Sent: Wednesday, February 08, 2017 9:40 AM
To: Gregory Stella <gms@alpinegeophysics.com>
Cc: Dennis McNally <dem@alpinegeophysics.com>; Eyth, Alison <Eyth.Alison@epa.gov>; Baker, Thomas <Baker.Thomas@epa.gov>
Subject: RE: Data Request: Electronic Copies of AQ Data from 2015 Ozone NAAQS NODA

Greg,

The drives are ready. We're checking to confirm that the data were copied correctly. Plan to send drives to you shortly.

Norm

From: Gregory Stella [mailto:gms@alpinegeophysics.com]
Sent: Wednesday, February 08, 2017 9:39 AM
To: Possiel, Norm <Possiel.Norm@epa.gov>
Cc: Dennis McNally <dem@alpinegeophysics.com>; Eyth, Alison <Eyth.Alison@epa.gov>; Baker, Thomas <Baker.Thomas@epa.gov>; Gregory Stella <gms@alpinegeophysics.com>
Subject: Re: Data Request: Electronic Copies of AQ Data

from 2015 Ozone NAAQS NODA

Hi Norm,

Would you please provide us with a status on the data loading and return mailing of these drives?

Thank you,

Greg

On 1/30/2017 11:12 AM, Dennis McNally wrote:

7341 Poppy Way
Arvada, CO 80007
[\(303\)421-2211](tel:3034212211)

Thank you.

On Jan 30, 2017 9:55 AM, "Possiel, Norm"
<Possiel.Norm@epa.gov> wrote:

Greg, will do.

Dennis, can you reply with your mailing address and phone #.

Norm

From: Gregory Stella
[mailto:gms@alpinegeophysics.com]
Sent: Monday, January 30, 2017 10:49 AM
To: Possiel, Norm <Possiel.Norm@epa.gov>;
Dennis McNally
<dem@alpinegeophysics.com>
Cc: Baker, Thomas
<Baker.Thomas@epa.gov>; Eyth, Alison
<Eyth.Alison@epa.gov>; Gregory Stella
<gms@alpinegeophysics.com>
Subject: Re: Data Request: Electronic Copies
of AQ Data from 2015 Ozone NAAQS NODA

Norm,

The new drive should arrive on Wednesday. If possible to send the first two back to Dennis before loading the third, it would be appreciated.

Thank you,

Greg

On 1/30/2017 10:35 AM, Possiel, Norm wrote:

Greg,

It looks like your data request is going to total a bit over 10 TB. Can you send us another 4 TB drive?

Thanks,

Norm

From: Dennis McNally
[mailto:dem@alpinegeophysics.com]

Sent: Wednesday, January 25, 2017 10:20 AM

To: Possiel, Norm
<Possiel.Norm@epa.gov>

Cc: Baker, Thomas
<Baker.Thomas@epa.gov>;

Eyth, Alison
<Eyth.Alison@epa.gov>;

Gregory Stella
<gms@alpinegeophysics.com>

Subject: RE: Data Request:
Electronic Copies of AQ Data
from 2015 Ozone NAAQS
NODA

Hi Norm,

While we don't see an immediate need for these items, please include them to prevent a possible later data request.

Thanks,
Dennis

On Jan 25, 2017 7:54 AM,
"Possiel, Norm"
<Possiel.Norm@epa.gov>
wrote:

Greg,

Regarding OSAT, your original request did not include the data/codes/scripts EPA used to calculate ozone contributions. Do you want all of that info as well?

Norm

From: Gregory Stella
[mailto:gms@alpinegeophysics.com]

Sent: Wednesday, January 25, 2017 8:55 AM
To: Possiel, Norm
<Possiel.Norm@epa.gov>
Cc: Dennis McNally
<dem@alpinegeophysics.com>;
Eyth, Alison
<Eyth.Alison@epa.gov>;
Baker, Thomas
<Baker.Thomas@epa.gov>;
Gregory Stella
<gms@alpinegeophysics.com>

Subject: Re: Data Request:
Electronic Copies of AQ Data
from 2015 Ozone NAAQS
NODA

Hi Norm,

Dennis tells me that to run OSAT for source sectors we likely need the premerged CMAQ-formatted emission files. In the previous NODA these were in CMAQ format. Is this what you mean by tagged? If so, these are also files that we would require.

Thank you,

Greg

On 1/25/2017 6:17 AM,
Gregory Stella wrote:

Hi Norm,

Thanks for checking. We would appreciate all the listed SMOKE and MOVES files (SMOKE executables/codes/scripts; MOVES emissions factors; SMOKE ancillary files; SMOKE input

inventories by
sector) and do
not require
transfer of the
CMAQ-
formatted data
you note
below.

Greg

On 1/24/2017
6:45 PM,
Possiel, Norm
wrote:

Hi
Greg,

We
are
finishing
up
a
request
that
came
in
before
yours
and
expect
to
start
by
the
end
of
this
week
loading
the
data
you
requested
to
the
drives
you
sent.

As
part
of
your
request
for
“All
other
necessary
CAMx
input
files
(to

replicate
EPA
modeling;
ex:
run
scripts,
etc.)”
do
you
want
any
of
the
following:
SMOKE
executables/codes/scripts
MOVES
emissions
factors
SMOKE
ancillary
files
SMOKE
input
inventories
by
sector
CMAQ-
formatted
emissions
sector
files
used
for
developing
the
tagged
emissions
files

Norm

From:

Gregory

Stella

[<mailto:gms@alpinegeophysics.com>]

Sent:

Tuesday,

January

24,

2017

6:58

AM

To:

Possiel,

Norm

<Possiel.Norm@epa.gov>

Cc:

Dennis
McNally
[<dem@alpinegeophysics.com>](mailto:dem@alpinegeophysics.com);
Eyth,
Alison
[<Eyth.Alison@epa.gov>](mailto:Eyth.Alison@epa.gov);
Baker,
Thomas
[<Baker.Thomas@epa.gov>](mailto:Baker.Thomas@epa.gov);
Gregory
Stella
[<gms@alpinegeophysics.com>](mailto:gms@alpinegeophysics.com)

Subject:

Re:
Data
Request:
Electronic
Copies
of
AQ
Data
from
2015
Ozone
NAAQS
NODA

Hi
Norm,

At
your
earliest
opportunity,
would
you
please
provide
us
a
status
of
the
data
transfer
for
this
request?

Thank
you,

Greg

On
1/13/2017
9:23
AM,
Gregory
Stella
wrote:

Hi
Norm,

Two
4GB
drives
will
be
arriving
on
Monday.
Please
use
the
same
FedEx
information
as
before
when
returning
the
drives
to
Dennis
in
our
Colorado
office.

Thanks,

Greg

On
1/12/2017
10:59
PM,
Possiel,
Norm
wrote:

Hi
Greg,

Yes.
The
total
volume
of
data

is
around
5+
TB.
My
suggestion
is
that
you
send
us
drives
with
6
TB
of
space.

Send
the
drives
to
Tom
Baker
at
the
address
below.

Norm

Tom
Baker
US
EPA
/
OAQPS
/
AQAD
/
AQMG
MD:
C439-
01
(Rm
#C439-
E)
4930
Old
Page
Road
Durham,
NC
27703

From:
Gregory
Stella

[\[mailto:gms@alpinegeophysics.com\]](mailto:gms@alpinegeophysics.com)

Sent:

Thursday,
January
12,
2017
7:44
PM

To:

Possiel,
Norm
[<Possiel.Norm@epa.gov>](mailto:Possiel.Norm@epa.gov)

Cc:

Dennis
McNally
[<dem@alpinegeophysics.com>](mailto:dem@alpinegeophysics.com);
Eyth,
Alison
[<Eyth.Alison@epa.gov>](mailto:Eyth.Alison@epa.gov);
Gregory
Stella
[<gms@alpinegeophysics.com>](mailto:gms@alpinegeophysics.com)

Subject:

Re:
Data
Request:
Electronic
Copies
of
AQ
Data
from
2015
Ozone
NAAQS
NODA

Hi
Norm,

I'm
checking
in
to
see
if
you
have
had
an

opportunity
to
spec
out
the
necessary
drives
for
us
to
send
you.

Thanks,

Greg

On
12/29/2016
1:29
PM,
Possiel,
Norm
wrote:

Greg,

I'm
replying
to
confirm
that
we
received
your
request
below
for
2011
and
2023
data.
We
will
get
back
to
you
regarding
the
specs
for
data
drives.

Norm

From:

Gregory
Stella

[\[mailto:gms@alpinegeophysics.com\]](mailto:gms@alpinegeophysics.com)

Sent:

Thursday,
December
29,
2016
1:23
PM

To:

Possiel,
Norm
<Possiel.Norm@epa.gov>;
Eyth,
Alison
<Eyth.Alison@epa.gov>

Cc:

Gregory
Stella
<gms@alpinegeophysics.com>;
Dennis
McNally
<dem@alpinegeophysics.com>

Subject:

Data
Request:
Electronic
Copies
of
AQ
Data
from
2015
Ozone
NAAQS
NODA

Alison
and
Norm,

Alpine
Geophysics
would
like
to
request
the
following
electronic
data
(for
both

2011
and
2023)
as
identified
in
the
December
29,
2016
released
Preliminary
Interstate
Ozone
Transport
Modeling
Data
for
the
2015

Ozone
National
Ambient
Air
Quality
Standard
(NAAQS)
document
(attached).
Following
are
a
list
of
the
items
we
wish
to
obtain.
Please
confirm
any
specific
size,
type,
and
style
of
drives
requested
for
data
transfer.

Files
needed

to
run
CAMx:

1.
CAMx
meteorological
input
files

2.
CAMx
air
quality
input
files

3.
CAMx
chemistry
input
files

4.
Pre-
merged
CAMx
emission
input
files

5.
Merged
low
level
and
elevated
CAMx
input
files

6.
All
other
necessary
CAMx
input
files
(to
replicate
EPA
modeling;
ex:
run
scripts,
etc.)

CAMx

--	--	--	--

Model

1.
CAMx
source
code
(if
a
non-
standard
version
of
the
model
was
used)

2.
CAMx
parameter
files
(if
a
standard
version
of
the
model
was
used)

Air
Quality
Outputs

1.
Average
concentration
output
files

2.
MATS
formatted
input
files

3.
MPE
output
and
summaries

Please
do
not
hesitate

to
contact
either
Dennis
McNally
(dem@alpinegeophysics.com;
[303-
421-
2211](tel:303-421-2211))

or
me
with
any
follow
up
or
clarifying
questions
to
this
request.

Thank
you,

Greg

-
-

Gregory
Stella

Alpine
Geophysics,
LLC

gms@alpinegeophysics.com

[828-
675-
9045](tel:828-675-9045)